

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1 | 572 | (330/140).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/15 14:53 |
| S2 | 552 | (330/279).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/06 09:08 |
| S3 | 830 | (330/129).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/15 13:51 |
| S4 | 316 | (330/127).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/15 13:51 |
| S5 | 594 | (330/134).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/15 13:51 |
| S6 | 141 | 330/279.ccls. and rectif\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/15 15:02 |
| S8 | 62 | 330/254.ccls. and rectif\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/15 15:56 |
| S11 | 387 | (330/278).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/23 16:13 |
| S12 | 245 | (330/254 or 330/278 or 330/279 or 330/129 or 330/127 or 330/134 or 330/140).ccls. and logarith\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/23 18:01 |
| S13 | 230 | ((low near1 noise) adj amplifier) and mixer and logarith\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/23 18:45 |
| S14 | 26 | ((low near1 noise) adj amplifier) and mixer and logarith\$3 and rectif\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/23 18:45 |
| S15 | 92 | (330/279 or 330/254 or 330/140).ccls. and rectif\$5 and gain\$3 and (mixer or oscillator) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 09:43 |
| S19 | 92 | "455"/\$.ccls. and rectif\$5 and (gain\$3 same (control or controller or controlling or controlled)) and (mixer or oscillator) and logarith\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 09:45 |
| S20 | 619 | amplifier and rectif\$5 and (gain\$3 same (control or controller or controlling or controlled)) and (mixer or oscillator) and logarith\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 10:51 |

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| S21 | 2 | amplifier and rectif\$5 and (gain\$3 same (control or controller or controlling or controlled)) and (mixer or oscillator) and logarith\$5 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 09:45 |
| S23 | 91 | ((low near1 noise) same amplifier) and rectif\$5 and (gain\$3 same (control or controller or controlling or controlled)) and logarith\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 10:42 |
| S24 | 0 | ((low near1 noise) same amplifier) and rectif\$5 and (gain\$3 same (control or controller or controlling or controlled)) and logarith\$5 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 10:42 |
| S25 | 1 | ((low near1 noise) same amplifier) and rectif\$5 and (gain\$3 same (control or controller or controlling or controlled)) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 10:42 |
| S30 | 303 | amplifier and (gain\$3 same (control or controller or controlling or controlled)) and (mixer or oscillator) and (logarith\$5 or rectif\$5) and "330"/\$.ccls. and @ad<="20040323" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 10:54 |
| S34 | 614 | amplifier and (gain\$3 same (control or controller or controlling or controlled)) and (mixer or oscillator) and (logarith\$5 or rectif\$5) and "455"/\$.ccls. and @ad<="20040323" and switch\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 12:57 |
| S35 | 408 | amplifier and (gain\$3 same (control or controller or controlling or controlled)) and mixer and (logarith\$5 or rectif\$5) and "455"/\$.ccls. and @ad<="20040323" and switch\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 13:34 |
| S52 | 72 | ((low near1 noise) near1 amplifier) or LNA) and mixer and threshold and compar\$4 and digital\$3 and "330"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/06 10:01 |
| S53 | 450 | ((low near1 noise) near1 amplifier) or LNA) and mixer and threshold and compar\$4 and digital\$3 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/06 10:01 |
| S56 | 7 | "330"/\$.ccls. and (inverse near1 logarithmic) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:45 |
| S57 | 430 | (inverse near1 logarithmic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 14:36 |

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| S58 | 197 | (amplifier or amplifying or amplification) and (inverse near1 logarithmic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 14:53 |
| S59 | 21 | "330"/\$.ccls. and (inverse near1 (logarithmic or log\$6)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:45 |
| S61 | 290 | (amplifier or amplifying or amplification) and (inverse near1 (logarithmic or log)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 16:14 |
| S62 | 44 | (amplifier or amplifying or amplification) and (inverse near1 (logarithmic or log)) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 16:04 |
| S65 | 246 | (amplifier or amplifying or amplification) and (inverse near1 (logarithmic or log)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 07:32 |
| S66 | 24 | (amplifier or amplifying or amplification) and (inverse near1 (logarithmic or log)) and ("330"/\$.ccls. or "455"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 16:15 |
| S67 | 223 | (amplifier or amplifying or amplification) and (inverse adj1 (logarithmic or log)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 08:05 |
| S69 | 229 | (327/350 or 327/351 or 327/352). ccls. and logarith\$5 and @ad<="20040324" and gain\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 08:46 |
| S70 | 95 | (327/350 or 327/351 or 327/352). ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near4 control) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 08:39 |
| S71 | 99 | (327/350 or 327/351 or 327/352). ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 08:40 |
| S72 | 53 | (327/350 or 327/351 or 327/352). ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) and (inverse or exponent\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 08:47 |
| S73 | 633 | "330"/\$.ccls. and logarith\$5 and @ad<="20040324" and gain\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 08:46 |

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| S74 | 167 | "330"/\$.ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) and (inverse or exponent\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 09:04 |
| S75 | 26 | amplifier and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) and (inverse or exponent\$5) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/04 08:53 |
| S78 | 209 | "330"/\$.ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) and (inverse or exponent\$6 or rectif\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 09:05 |
| S79 | 152 | "330"/\$.ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) and (inverse or rectif\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 09:09 |
| S80 | 82 | "330"/\$.ccls. and logarith\$5 and @ad<="20040324" and (gain\$3 near2 (control or controlled or controller or controlling)) and rectif\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/04 09:10 |